

SUBSTITUTE AMENDMENT

U.S. Appl. No. 10/671,568

Page 2

IN THE CLAIMS

Please amend the claims as follows, and add new claims 14-26.

1.-5. (Cancelled)

6. (Previously Presented) A joint between two boards, said joint board comprising:
a guiding means at a joint between said two boards;[[,]]
the boards each comprising an upper surface and a core;[[,]]
said guiding means on at least one of the boards comprising a groove; intended to be
joined with glue
a second board comprising a tenon; to form said joint;
said tenon and the groove includes a first fitting clearance bound by at least one of:
the upper surface of the tenon and the upper surface of the groove; and
the lower surface of the tenon and the lower surface of the groove; and
wherein at least one of the tenon and groove includes a guiding wedge wedges so that a
fitting clearance between the tenon and the groove includes a first fitting clearance and a second,
guiding fitting clearance is positioned between is obtained through the guiding wedges wedge
and at least one of the upper and lower surface of the groove,
whereby the first fitting clearance comprises a main part of a fit between the groove and
tenon and the second, guiding fitting clearance comprises a smaller part of the fit and wherein
the first fitting clearance is in the range of 0.1-1 mm, while the second, guiding fitting clearance
is in the range of 0.01-0.2 mm, provided that the first fitting clearance is larger than the second
fitting clearance, and
wherein each of said boards further comprises a planar surface, and
wherein the guiding wedges comprise a distal tapered section and a proximal section
extending from the tapered section to towards the core, and the planar surface of said at least one
of said boards board abuts a planar surface of an adjacent board when the tenon of said board is
mated with a groove of the adjacent board.

SUBSTITUTE AMENDMENT

U.S. Appl. No. 10/671,568

Page 3

7. (Currently Amended) A joint board according to claim 6, wherein the surfaces of ~~the joint~~ formed by the connection between the groove and tenon are provided with recesses so that cavities are formed in the joint; ~~which cavities are intended to receive the glue used during the joining.~~

8. (Currently Amended) A joint board according to claim 6, wherein the guiding means forms a part of the boards intended to, ~~when joined together with similar boards, form a floor, whereby the boards have a core,~~ the core of the boards being constituted by a fibre board or a particle board and that at least the upper side of the board is constituted by a decorative thermosetting laminate.

9. (Currently Amended) A joint board according to claim 7 ~~8~~, wherein the surfaces of a the joint formed by the connection between the groove and tenon are provided with recesses so that cavities are formed in the joint; ~~which cavities are intended to receive the glue used during the joining.~~

10. (Previously Presented) A joint board according to claim 6, wherein the guiding means forms a part of the boards, intended to, ~~together form a floor, whereby the boards have a~~ the core being constituted by a fibre board or a particle board.

11. (Previously Presented) A joint board according to claim 7, wherein the guiding means forms a part of the boards intended to, ~~when joined together with similar boards, form a floor, whereby the boards have a,~~ the core of the boards being constituted by a fibre board or a particle board and that at least the upper side of the board is constituted by a decorative thermosetting laminate

12. (Previously Presented) A joint board according to claim 6, wherein the second guiding fitting clearance is proximate the board with respect to the first fitting clearance.

SUBSTITUTE AMENDMENT

U.S. Appl. No. 10/671,568

Page 4

13. (Previously Presented) A joint board according to claim 6, wherein the guiding wedges are arranged perpendicular to the extension of the joint.
14. (New) A joint according to claim 6, wherein said first fitting clearance is formed between parallel surfaces of the tenon and groove.
15. (New) A floor comprising:
a first board in accordance with claim 6;
a second board, joined to said first board at a joint; and
glue disposed in said joint.
16. (New) The joint of claim 7, wherein the cavities are filled with glue.
17. (New) A joint between two boards, said joint comprising:
a guiding means at a joint between said two boards;
the boards each comprising an upper surface and a core;
said guiding means on at least one of the boards comprising a groove;
a second board comprising a tenon;
said tenon and the groove includes a first fitting clearance bound by at least one of:
the upper surface of the tenon and the upper surface of the groove, and
the lower surface of the tenon and the lower surface of the groove; and,
wherein at least the groove includes a guiding wedge so that a second, guiding fitting clearance is positioned between the guiding wedge and at least one of the upper and lower surface of the tongue,
whereby the first fitting clearance comprises a main part of a fit between the groove and tenon and the second, guiding fitting clearance comprises a smaller part of the fit and wherein the first fitting clearance is in the range of 0.1-1 mm, while the second, guiding fitting clearance is in the range of 0.01-0.2 mm, provided that the first fitting clearance is larger than the second fitting clearance,

SUBSTITUTE AMENDMENT

U.S. Appl. No. 10/671,568

Page 5

wherein each of said boards further comprises a planar surface, and wherein the guiding wedges comprise a distal tapered section and a proximal section extending from the tapered section towards the core, and the planar surface of said at least one of said boards abuts a planar surface of an adjacent board when the tenon of said board is mated with a groove of the adjacent board.

18. (New) A joint according to claim 17, wherein the surfaces of the joint formed by the connection between the groove and tenon are provided with recesses so that cavities are formed in the joint.

19. (New) A joint according to claim 17, wherein the guiding means forms a part of the boards, the core of the boards being constituted by a fibre board or a particle board and that at least the upper side of the board is constituted by a decorative thermosetting laminate.

20. (New) A joint according to claim 18, wherein the surfaces of a joint formed by the connection between the groove and tenon are provided with recesses so that cavities are formed in the joint.

21. (New) A joint according to claim 17, wherein the guiding means forms a part of the boards, the core being constituted by a fibre board or a particle board.

22. (New) A joint according to claim 18, wherein the guiding means forms a part of the boards intended, the a core of the boards being constituted by a fibre board or a particle board and that at least the upper side of the board is constituted by a decorative thermosetting laminate

23. (New) A joint according to claim 17, wherein the second guiding fitting clearance is proximate the board with respect to the first fitting clearance.

SUBSTITUTE AMENDMENT

U.S. Appl. No. 10/671,568

Page 6

24. (New) A joint according to claim 17, wherein the guiding wedges are arranged perpendicular to the extension of the joint.
25. (New) The joint of claim 6, wherein the proximal section extends from the tapered section to the core.
26. (New) The joint of claim 17, wherein the proximal section extends from the tapered section to the core.